

Title (en)

Heat treatment of flexibly rolled sheet

Title (de)

Wärmebehandlung von flexibel gewalztem Band

Title (fr)

Traitement thermique d'une bande laminée flexible

Publication

**EP 2028281 B1 20120815 (DE)**

Application

**EP 08013048 A 20080719**

Priority

DE 102007039279 A 20070820

Abstract (en)

[origin: EP2028281A1] Continuous heat treatment involves carrying out a continuous heating of strip material in passage through an induction furnace, in which the strip material is inductively heated at constant frequency. The strip material is selected such that the calculated penetration depth of the induced current is higher than the half thickness of the strip section with narrow thickness.

IPC 8 full level

**C21D 1/42** (2006.01); **C21D 9/60** (2006.01)

CPC (source: EP US)

**C21D 1/10** (2013.01 - EP US); **C21D 1/42** (2013.01 - EP US); **C21D 9/60** (2013.01 - EP US); **C21D 11/00** (2013.01 - EP US); **H05B 6/104** (2013.01 - EP US); **Y02P 10/25** (2015.11 - EP US)

Cited by

EP4394052A1; WO2024141218A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007039279 B3 20090102**; EP 2028281 A1 20090225; EP 2028281 B1 20120815; US 2009050622 A1 20090226; US 8361253 B2 20130129

DOCDB simple family (application)

**DE 102007039279 A 20070820**; EP 08013048 A 20080719; US 22159808 A 20080805